

AMENDMENT

In the claims:

Presented below are the claims, as amended, with changes entered.

- 1 1. (Currently Amended) A method for compressing an electronic mail message
2 comprising:
3 identifying a block of data within said electronic mail message which is found in a
4 previous electronic mail message;
5 generating a pointer identifying said block of data in said previous electronic mail
6 message; ~~and~~
7 replacing said block of data in said electronic mail message with said pointer; ~~and~~
8 transmitting said electronic mail message to a wireless data processing device
9 having said previous electronic mail message stored thereon.
- 1 2. (Cancelled)
- 1 3. (Currently Amended) The method as in claim 1 2 further comprising:
2 decompressing said electronic mail message by inserting said block of data from
3 said previous electronic mail message into said electronic mail message.
- 1 4. (Currently Amended) The method as in claim 1 further comprising:
2 identifying said previous electronic mail message based on characters in a subject
3 field of said message.
- 1 5. (Currently Amended) The method as in claim 4 wherein said characters include
2 text indicating that said electronic mail message is a response to said previous electronic
3 mail message.

1 6. (Currently Amended) The method as in claim 1 further comprising:
2 compressing said electronic mail message further using one or more alternate
3 compression techniques.

1 7. (Original) The method as in claim 6 wherein one of said alternate
2 compression techniques comprises:
3 replacing common strings of characters with one or more code words.

1 8. (Previously Amended) The method as in claim 7 wherein one of said
2 strings of characters is an electronic mail (email) address domain.

1 9. (Currently Amended) The method as in claim 1 further comprising:
2 encoding portions of text in said electronic mail message not in said block of data
3 using 6-bits per character.

1 10. (Cancelled)

1 11. (Currently Amended) A system comprising:
2 message identification logic for identifying a previous electronic mail message
3 which contains a block of data found in a new electronic mail message;
4 state-based compression logic for compressing said new electronic mail message
5 by replacing said block of data with a pointer identifying said block of data in said
6 previous electronic mail message; and
7 transmission logic for transmitting said new electronic mail message to a wireless
8 data processing device having said previous electronic mail message stored thereon.

1 12. (Cancelled)

1 13. (Currently Amended) The system as in claim 11 ~~12~~ further comprising:

2 decompression logic to decompress said new electronic mail message on said
3 wireless data processing device by inserting said block of data from said previous
4 electronic mail message into said new electronic mail message.

1 14. (Currently Amended) The system as in claim 11 wherein said message
2 identification logic identifies said previous electronic mail message based on characters
3 in a subject field of said new electronic mail message.

1 15. (Currently Amended) The system as in claim 14 wherein said characters include
2 text indicating that said new electronic mail message is a response to said previous
3 electronic mail message.

1 16. (Currently Amended) The system as in claim 11 further comprising:
2 one or more alternate compression modules for compressing said new electronic
3 mail message further using one or more alternate compression techniques.

1 17. (Original) The system as in claim 16 wherein one of said alternate
2 compression modules comprises:
3 a code word generation module which replaces common strings of characters with
4 one or more code words.

1 18. (Previously Amended) The system as in claim 17 wherein one of said
2 strings of characters is an electronic mail (email) address domain.

1 19. (Currently Amended) The system as in claim 16 wherein one of said alternate
2 compression modules comprises a 6-bit text encoding module to encode portions of text
3 in said new electronic mail message not in said block of data using 6-bits per character.

1 20. (Cancelled)

1 21. (Currently Amended) A method comprising:

2 providing an interface to a message service, said interface compressing messages
3 and forwarding said compressed messages to a wireless data processing device,
4 wherein said interface compresses an electronic mail message by searching for
5 prior electronic mail messages transmitted to or received from said wireless data
6 processing device which include a block of data found in said electronic mail message
7 and replacing said block of data with a pointer to said block of data in said prior
8 electronic mail messages; and
9 transmitting said electronic mail message to a wireless data processing device
10 having said previous electronic mail message stored.

1 22. (Cancelled)

1 23. (Cancelled)

1 24. (Currently Amended) The method as in claim 21 ~~22~~ further comprising:
2 decompressing said electronic mail message at said wireless data processing
3 device by inserting said block of data from said previous electronic mail message into
4 said electronic mail message.

1 25. (Currently Amended) The method as in claim 21 wherein said interface identifies
2 said previous electronic mail message based on characters in a subject message of said
3 electronic mail message.

1 26. (Currently Amended) The method as in claim 25 wherein said characters include
2 text indicating that said electronic mail message is a response to said previous electronic
3 mail message.

1 27. (Currently Amended) The method as in claim 21 wherein said interface further
2 compresses said electronic mail message further using one or more alternate compression
3 techniques.

1 28. (Original) The method as in claim 27 wherein one of said alternate
2 compression techniques comprises:

3 replacing common strings of characters with one or more code words.

1 29. (Previously Amended) The method as in claim 28 wherein one of said
2 strings of characters is an electronic mail (email) address domain.

1 30. (Currently Amended) The method as in claim 21 wherein said interface further
2 compresses said electronic mail message by encoding portions of text in said electronic
3 mail message not in said block of data using 6-bits per character.
